Pathways Toward the Future
Just, Equitable, Diverse, and Inclusive (JEDI) Energy Workforce

December 1, 2020

Global energy consumption is forecast to increase by up to 50% through 2050 due in part to growth in the global population, anticipated increases in industrialization, and decreases in global poverty. In the United States, primary systems that have supplied energy for transportation, industrial and agricultural production, as well as community, municipal, and individual uses have remained largely unchanged for decades, but appear to be on the verge of a transformation. The energy transition will involve a shift in energy resources, generation, transmission, and use away from fossil fuels toward greater use of geothermal, wind, solar, and nuclear energy, and hydropower, possibly accompanied by more sustainable uses of natural gas, oil, and coal. The energy workforce of the next decades will continue to advance new fossil fuel technologies while simultaneously developing new strategies for identification, extraction and production of other energy resources; managing and addressing environmental risk associated with energy development, generation and transmission; and carbon emission management.

To meet the challenges of an evolving energy system, the future energy workforce will have to represent and be supported by the principles of justice, equity, diversity, and inclusion (JEDI). This workforce will also need to be technologically adept, potentially in different ways than today, to address a range of energy sources and issues associated with their extraction, production, and use. New competencies will be required to build, support, and sustain an energy economy and infrastructure that also supports and enhances environmental and social justice approaches and actions.

This meeting will explore the future energy portfolio and pathways for the future energy workforce to develop the fundamental capabilities, skills, and training, including JEDI, needed to help the Nation move successfully through the energy transition.

12:00 PM	**Welcome and Introductions** *James Slutz, CER Chair*
12:15 PM	**Presentation Title TBD** *Stephen Wells, President New Mexico Institute of Mining and Technology*
	Panel Discussion *Moderator: Sherilyn Williams-Stroud, Illinois State Geological Survey*
12:45 PM	**Pathways Toward the Future JEDI Energy Workforce** *Panel members will discuss their personal and professional perspectives, experiences, and knowledge regarding the future energy outlook, a future U.S. energy workforce that evolves in and embraces JEDI, and the pathways (e.g., education, training, mentorship, retention approaches) that can ensure the development and success of this workforce.* • **Reginal Spiller**, *Principal, Azimuth Energy Investments, LLC* • **Michelle Foss**, *Fellow, Baker Institute, Rice University* • **Gretchen Gillis**, *President-Elect, American Association of Petroleum Geologists* • **Sterling Rideout**, *Assistant Director, U.S. Office of Surface Mining and Reclamation* • **James Pippins**, *Graduate student in geophysics, The Pennsylvania State University* • **Bridget Ayling**, *Director and Associate Professor, Great Basin Center for Geothermal Energy, University of Nevada-Reno* • **John Hall**, *Director of Regulatory and Legislative Affairs, Environmental Defense Fund* • **Tomieka Searcy**, *Senior Geologist, BP* • **Stephen Wells**, *New Mexico Institute of Mining and Technology*
1:45 PM	**Break**
2:00 PM	**Moderated Discussion**
3:00 PM	**Wrap Up Remarks**

3:15 PM - Meeting Adjourns